PATENT APPLN. NO. 10/786,369 **PATENT**
AMENDMENT UNDER 37 C.F.R. §1.312

IN THE SPECIFICATION:

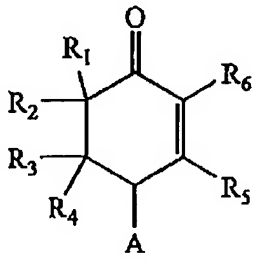
Please replace paragraph [0020] (of the publication of the present application, US 2004/0230067 A1, with the following amended paragraph:

The invention ~~mentioned on claims 1-11~~ in a first embodiment in order to accomplish above-mentioned purpose is antigenic substance inductors which are capable to produce and/or manufacture vaccine precursor, vaccine, antibody, neutralizing antibody, antitoxin and idiotype antibody. The invention ~~mentioned on claims 12-15~~ in a second embodiment is a vaccine precursor, vaccine, antibody, neutralizing antibody, antitoxin, and idiotype antibody of which is produced and/or manufactured by using of those antigenic substance inductors. The invention ~~mentioned on claims 16-17~~ in a third embodiment is a vaccine precursor, vaccine, antibody, neutralizing antibody and antitoxin of which is produced and/or manufactured by using of its idiotype antibody. The invention ~~mentioned on claims 18-22~~ in a fourth embodiment is anti-idiotyped antibody induced by vaccine precursor, vaccine, antibody, neutralizing antibody, antitoxin or idiotype antibody ~~which is mentioned on each claim of claims 12-17~~ of

the second and third embodiments as artificial antibody of non-biological macromolecular substance (peptides, proteins, lipids, glycoproteins, glycolipids, polysaccharides et al.), anti-microbial agent, antiviral agent, anti-tumor agent, anti-protozoa agent (malaria, spirochaeta et. al). The invention ~~mentioned on claims 23-28~~ in a fifth embodiment is antibody or idiotype antibody ~~which is mentioned on claims 13-15~~ of the second embodiment as molecular discriminating agent, labeled tracers substituted an acting site, including substance which becomes to be a labeling of demonstrating an acting site or with a trace, histocompatible accelerator on homologous and/or heterogeneous tissues or organs, accelerator of immuno-reaction, controller of immuno-reaction or accelerator of complement-linkage reaction.

Please replace paragraph [0023] with the following amended paragraph:

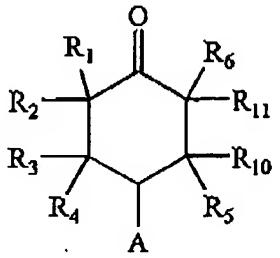
Formula 1-a ~~recited in claim 1~~ is



Formula 1-a

Please replace paragraph [0031] with the following amended paragraph:

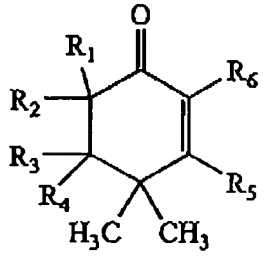
Formula 1-b ~~recited in claim 3~~ is



Formula 1-b

Please replace paragraph [0039] with the following amended paragraph:

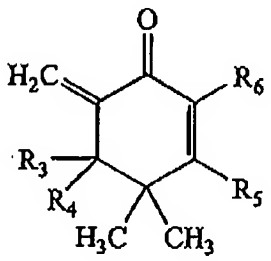
Formula 2 ~~recited in claim 5~~ is



Formula 2

Please replace paragraph [0043] with the following amended paragraph:

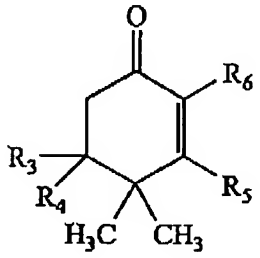
Formula 3-a ~~recited in claim 7~~ is



Formula 3-a

Please replace paragraph [0047] with the following amended paragraph:

Formula 3-b ~~recited in claim 10~~ is



Formula 3-b

Please replace paragraph [0056] with the following amended paragraph:

One or both terminals of each structure (mainly, amino terminal and carboxyl terminal) of vaccine precursor, vaccine, antibody, neutralizing antibody, antitoxin or idiotype

antibody and, vaccine, antibody, neutralizing antibody or antitoxin which is induced by this idiotype antibody, molecular discriminator, and histocompatible accelerator, which is manufactured and/or produced by antigenic substance inductor ~~mentioned on claim 1-11~~ according to the present invention, is substituted by more than one substituent as the follow. Those are chosen from substituent group consisting of halogen atom, cyano group, protecting carboxyl group, protecting hydroxyl group, protecting amino group, protecting alkyl group, protecting alkoxy group, protecting alkoxy carbonyl group, protecting aryl group, protecting cycloalkyl group, protecting acylamino group, protecting acyloxy group, protecting C2-C6 alkenyl groups, protecting C1-C6 trihalogenoalkyl group, protecting C1-C6 alkylamino group, protecting C1-C6 dialkylamino group, protecting C1-C6 aminoalkyl group, protecting C1-C6 alkylamino C1-C6 alkyl group or protecting cycloamino C1-C6 alkyl group.